

For Research Use Only

# IER2 Polyclonal antibody

Catalog Number: 23849-1-AP

2 Publications



## Basic Information

### Catalog Number:

23849-1-AP

### Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 280 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG20869

### GenBank Accession Number:

BC072432

### GeneID (NCBI):

9592

### UNIPROT ID:

Q9BTL4

### Full Name:

immediate early response 2

### Calculated MW:

223 aa, 24 kDa

### Purification Method:

Antigen Affinity purified

### Recommended Dilutions:

IHC 1:50-1:500

## Applications

### Tested Applications:

IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human

### Cited Species:

human

### Positive Controls:

IHC : human liver tissue, human kidney tissue

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

Ier2 (also called ETR101, Pip92, 3CH92 and CHX1, hereafter referred to as Ier2, regardless of species) is an immediate early gene (PMID: 2678945) that was originally found to be upregulated in fibroblasts upon their activation (PMID: 3841511). Immediate early genes are a group of genes that are rapidly induced in quiescent cells by proliferation- and migration-inducing stimuli. Ier2 may have a role in tumor cell motility and metastasis (PMID: 22120713).

## Notable Publications

Author	Pubmed ID	Journal	Application
Kuriko Doi	36047562	FEBS J	WB
Takumi Ueda	30599213	Cell Signal	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

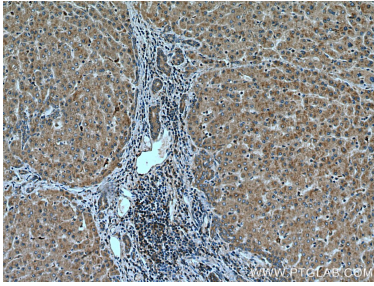
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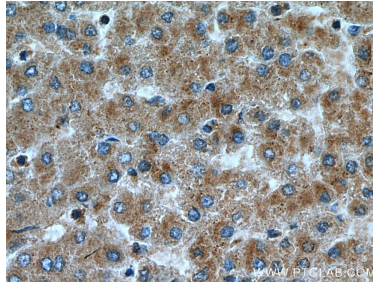
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 23849-1-AP (IER2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 23849-1-AP (IER2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).